

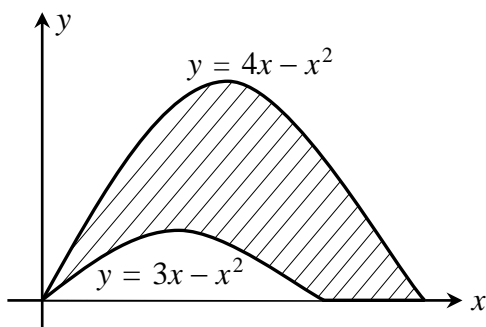
1) Esboce a região delimitada pelas curvas e calcule sua área:

a) $y = x^2$ e $y = -x + 2$

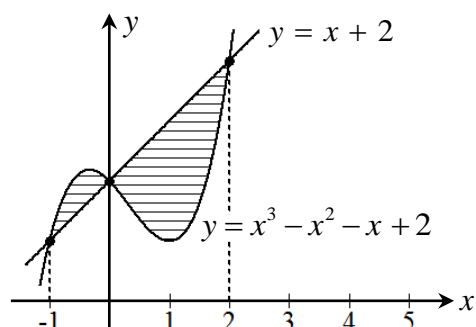
b) $y = -x^2 + 6x - 3$ e $y = x^2 - 4x + 5$

2) Encontre a área da região indicada na figura:

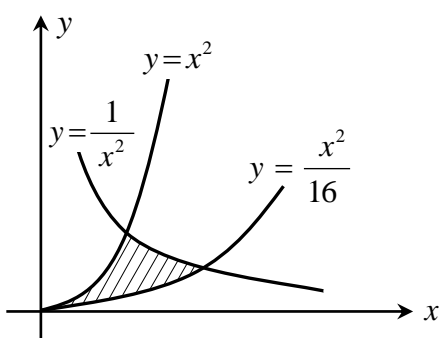
a)



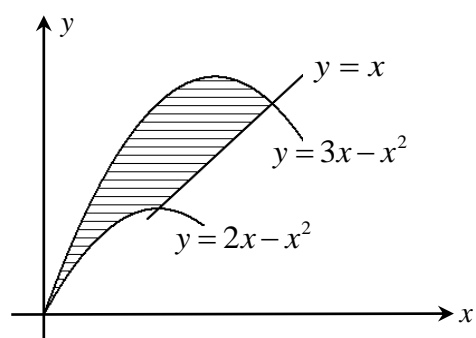
b)



c)



d)



Respostas.

1) a) $9/2$ b) 9.

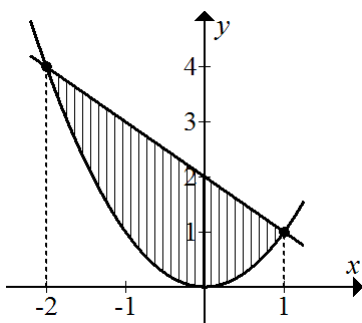


Fig. 1 (a)

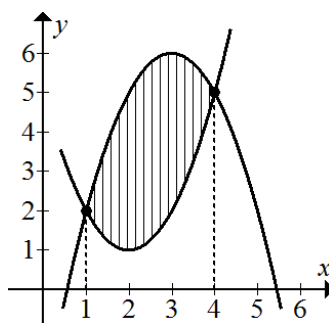


Fig. 1 (b)

2) a) $37/6$ b) $37/12$ c) $2/3$ d) $7/6$.